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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SUBJECT	SAG AMO Plants' Planned and Actual Production in the Second Quarter of 1953	DATE DISTR.	27 January 1954	
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Production plans of individual firms in SAG AMO

1. In Annex A appear planned and actual production figures for the second quarter of 1953, for the following firms of which SAG AMO Magdeburg, is composed:

Ernst Thaelmann Werk, Magdeburg
Karl Liebknecht, Magdeburg
Werk Georgi Dimitroff, Magdeburg
Polysius, Dessau
7. Oktober, Magdeburg
Geraetewerk Schoenebeck, Schoenebeck/Elbe
Karl Marx, Magdeburg
Berliner Bremsenwerk, Berlin

Notes on SAG AMO

2. New appointments in USIG and SAG AMO.

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- b. On 1 August 1953, the former general director of SAG AMO, Magdeburg, Levschin (fnu) (Russian) was succeeded by Layarov (fnu) (Russian). On 1 August 1953, the chief of the Kaderabteilung, Schimakov (fnu) (Russian) was succeeded by Bilov (fnu) (Russian). The reasons for the changes have not been publicized.

25 YEAR RE-REVIEW

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- c. Social intercourse between German and Russian employees at the SAG AMO, Magdeburg, was formerly nonexistent. However, new regulations, issued after 17 June 1953, instructed Russian employees to cultivate friendship with their fellow German employees, even in private life.
- d. On 15 July 1953, a cash payment was made to Karl Liebknecht, Magdeburg, by SAG AMO of 480,000 DM (W) for the purchase of steel boiler plates in the West.

Dissolution of Pirna, Saxony

3. Two engineers formerly employed in the aircraft design offices in Pirna, Saxony, have now taken up employment at SAG AMO, Magdeburg. Up to 30 June 1953, both engineers had been employed at Pirna, Saxony, in the department of scientific development, the division of engine construction and development.
4. The Ministry of Transport and Agricultural Machine Construction, Dessau (formerly Junkers, Dessau), has also been dissolved, and only small groups of the employees still remain at the site to close down the plant. Former employees of the firm, Polysius, Dessau, who were recruited for the Ministry have been allowed to return and take up their former employment at Polysius, Dessau.

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Annex A

Ernst Thaelmann (formerly Krupp Gruson),
MagdeburgPlanned Production
2nd quarter, 1953
Units/TonsActual Production
2nd quarter, 1953
Units/Tons

SM raw steel ingots (basic)	7,000	3,941
E - steel ingots	-	3,062
Pig iron casting, consisting of:	5,000	5,100
1) Mold casting up to 10 kg.	150	203
2) " " 10 to 50 kg.	300	409
3) " " 50 - 100 kg.	350	459
4) " " 100 - 500 kg.	750	782
5) " " 500 - 1500 kg.	700	561
6) " " over 1500 kg.	1,000	816
7) Ingot moldings 1500-5000	450	408
8) " " over 5000	300	289
9) Molding machine castings 10 kg.	50	51
10) Case-hardened castings	150	255
11) Other hard castings	350	409
Electric steel castings, consisting of:		
1) Medium alloy castings	736	708
2) Large " "	230	166
SM-steel mold castings	3,634	3,288
Various forgings, consisting of:	10,340	9,738
1) Alloy forgings	1,540	1,621
2) Drop forgings	660	620
Press for lead covering cable with 63 to. pressure	-	1/65
Hydraulic packing press (Paketier- presse)	1/95	3/292
Forging press equipment	-	6
Spare parts for sludge pumps	221	83
Steel pouring trolley	1/70	-
Rolling mill equipment, consisting of:	3,061	3,801
1) Plate smoothing machine 25 x 2,200	1/61	1/256
2) Hot rolling equipment (Walzstrasse "1000")	3,000	2,849
3) Cold rolling equipment	-	696
Blast furnace equipment - single parts for <u>Schichtverteiler</u>	75	125
Steel smelting equipment	75	300
Processed ingots (Kokillen)	-	133
Spare parts for hot rollers	-	27
" " " cold rollers	-	15
Blooming iron equipment (Renmanlagen) for:	587	992
1) Czechoslovakia	-	720
2) Maxhuetten	-	251
3) Magnetic stainless steel equipment (Roestanlage)	337	-
4) Special spare parts for Wismut, A.G.	250	21
Single spiral separator (Einspiral- klassierer)	2/24	-

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<u>Thaelmannwerk, Magdeburg</u>	<u>Planned Production</u> <u>2nd quarter 1953</u> <u>Units/Tons</u>	<u>Actual Production</u> <u>2nd quarter 1953</u> <u>Units/Tons</u>
Double spiral sizer	3/133	4/182
Jigging machine (Setzmaschinen)	10/18	-
4 cement plants (Fabriken)		
1000 to. in 24/h (new as per instruction No. 7)	7,200	6,037
Cement plants for the remainder of reparations	-	812
Cement plants - export	-	472
" " - Rudersdorf	75	306
" " - for Polysius	80	37
Spare parts for East German cement plants	-	77
" " " SAG	-	55
Steel rollers for hot rolling mills	-	223
Ge-(?) rollers for cold rolling mills	-	26
Cable machines up to 6 spindles	4/200	4/205
Separators for mining industry	3/13	15/19
Pouring crane 260 to.	3/1083	5/1796
" " 125 to.	2/570	-
Forging crane 75/30 to.	1/162	-
" " 15/3 to.	1/45	-
Stripping crane 175 to	2/550	4/1138
Trough charging crane 3/20 to. (Muldenbeschickkran)	-	1/86
Piston silt pump (Kolbenschlammumpen)	35/-	1/22
Repairs for heavy industry (quoted in thousands DM)		5
Lock gates for inland waterways	70	45
Vulcanizing equipment	-	3/48
Small rolling mill (rubber)	4/1	18/8
Snail press (sic) (rubber)	2/8	-
Mixing mill, rubber (Mischwalzwerk, Gummi)	1/17	-
Rubber mixer	-	/45
Equipment for fat industry	-	-/91
Jaw crusher 7s	-	-/3
" " 9s	3/83	-
" " 12s 60" x 900	4/204	1/33
" " 20s 120" x 1500	2/316	1/226
Symons crusher No. 2.	-	5/59
" " No. 3	7/60	9/54
" " No. 4	8/176	4/91
" " No. 5.5	4/200	3/167
Conical breaker for mining	-	2/13
Ball mill with screen (Siebkugelmuehlen)	-	1/4
Other ball mills	-	-/4
Cylindrical mill 1650 x 3250	-	6/207
" " 1800 x 3000	-	3/129
" " 2200 x 1440	4/94	-
Tube mills 2.2 x 2.5	-	2/67
" " 2400 x 2600/1300	6/242	-
10 HP gear drives (China)	1/20	2/72
Magnetic cylindrical separators	19/83	3/4
Electro magnetic conveyor belts	1/5	-
Electric energy in 1,000 kwh:	11,000	11,432

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<u>Werk Karl Liebknecht, Magdeburg</u>	<u>Planned Production</u> <u>2nd quarter, 1953</u> <u>Units/Tons</u>	<u>Actual Production,</u> <u>2nd quarter, 1953</u> <u>Units/Tons</u>
Water tube boilers consisting of:	20/-	23/4,665
1) over 100 to./h (East Germany)	-	-/101
2) " 60 to 100 to./h (East Germany)	-	2/765
3) " 30 to 60 to./h (East Germany)	-	-/154
4) 30 to 60 to./h (USSR)	8/	16/1,053
5) 10 to 30 to./h (USSR)	112/-	5/2,592
Ship's boilers 75-180 m ²	20/-	2
(Spare parts for steam turbines to a value of TDM 131)		
Diesel electric stations 100 H.P.	125	174
Diesel engines 60-100 HP consisting of:	155	266
1) Crane diesel engines 60/75 HP DV224	4	7
2) Deck diesel " " " "	8	14
3) Ship's " " 80 " "	41	70
4) Crane " " 100 " "	59	101
5) Deck diesel 100 " "	43	74
Diesel engines 100 - 250 HP consisting of:	55	21
1) Ship's diesel engines 150 HP 6 DV 224	55	12
2) Deck diesel " " 6 " "	-	8
3) Ship's " " " 6 " "	-	1
Diesel engines over 250 HP consisting of:	105	87
1) Deck diesel engines 260 HP 6 DV 136	-	6
2) Ship's " " 300 HP 8 DV 136	-	73
3) Diesel engines 400/450 HP 6 DV 148	15	6
4) Ship's diesel engines 360 HP 4 DV 168	-	1
5) " " " 1000 HP 4 DV 168	-	1
(Spare parts for diesel engines to a value of TDM 1,997)		
Tractors with stations 140 HP	25	25
" " " 320 HP	20	18
Ship's steam engines 2,500 HP	2	1
(Spare parts for compressed air engines to 1,613,000 DM east)		
Mold casting machines	2/515	-/403
Coke ejectors	2/320	2/320
Rolling mill equipment	500	227
Cement factory equipment	-	803
Naphtha apparatus consisting of:	2242	310
1) Vacuum filter 50 m ²	25/755	10/310
2) -	-	-
Silt pumps	25	38
Equipment for chemical industry consisting of:		
1) Vacuum filter plant	-	10
2) Machines for refining raw rubber	1/200	/74
3) Special machines for the fuel refineries	656	595
4) Ventilators for cooling towers	5/15	-
Spares for filters	-	60
Oil extraction plants	1/250	-/620
(Spare parts for the food industry to the value of TDM 32 (or 52))		
Bucket conveyor excavator (East Germany)	640	908
Rope dredger	3	
(Spare parts for completed dredgers to a value of 65 TDM instead of 91 TDM as planned. Packing and crates to a value of 1,337 TDM)		
Grey cast iron	3,750	3,554
Forgings	2,155	2,284
Drop forgings	1,595	1,334
Electric power consumption in 1,000 kwh	3,000	2,612

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Werk Georgi Dimitroff, Magdeburg	Planned Production, 2nd quarter 1953. Units/Tons	Actual Production, 2nd quarter 1953. Units/Tons
Siemens- Martin crude steel (basic blocks)	1,900	1,809
" " " " (chrome ingots)	500	463
E-crude steel (basic blocks)	1,100	697
E- " " (chrome ingots)	700	503
Anchors	-/60	245/93,3 (sic)
consisting of:		
1) Anchor 1,000 kg.	-	4.7
2) " 450 kg.	30	47.6
3) " over 450 kg.	30	40.7
Chains	-/80	34/105.4
consisting of:		
1) Chains 52 Ø	60	74
2) " 69 mm Ø	20	31.4
E-steel castings	3,350	1,533
SM- " "	-	1,819
Cast iron locks (Gussverschluesse)	52	52
Winding machinery for blast furnaces	38	-
Pinion housing (Kammwalzgerueste)	25/-	-
Spare parts for metallurgical works, consisting of:	575	321
1) Parts for hot rolling mills	575	321
2) -		
Equipment for cement factories	905	1,353
Mechanical gear driver (East Germany)	-/200	8/173
Drilling gear trains	-/260	77/400
Tooth and spur gear wheels	-	28/44
Couplings	-/95	559/33
Other shafts	1.1	-

Werk Polysius, Dessau

Forgings	375	388
Smoke and regulating dampers	8/65	6/46
Equipment for rolling mills	50	45
Agglomerating bands	150	43
Plants for the extraction of nonferrous metals	900	614
Parts for steel smelting machinery	193	140
Parts for industrial furnaces (? kilns)	43	97
Parts for hot rolling mills	150	93
Sintering equipment (Sinterausruestungen)	2,061	3,000
consisting of:		
1) Calcining furnaces	2/2,000	1/2,873
2) Roasting furnaces	61	127
3) -		
Pneumatic conveyor systems for cement	330	236
Ball and tube mills	10/856	8/613
Cooling and drying drums for cement	1/104	3/216
Equipment for cement factories	4,894	5,362
consisting of:		
1) Cement factory 600 to /24/h	4,500	3,228
2) Experimental works	-	203
3) -		
Mineral loading machines	16/35	-
Steel structures	-	150

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Werk Polysius, Dessau	Planned Production, 2nd quarter 1953 <u>Units/Tons</u>	Actual Production, 2nd quarter 1953 <u>Units/Tons</u>
Pumps and distilling machinery for fuel refineries consisting of:	798	100
1) Parts for naphtha apparatus	177	100
2) Anthracite gas generators	5/621	-
3) -	-	-
Spare parts for fuel refineries	76	-
Jaw crushers 1200 x 900	2/166	2/166
Air control valves for steel smelting furnaces	4/20	10/51
Spare parts for the glass industry	450	691

Werk 7. Oktober, Magdeburg

Rotary derricks for rope-spinning boring machines	15/195	15/195
Non-mobile conveyor belts	55/627	52/676
Mobile conveyor belts consisting of:	250/450	257/476
1) For carbide calcium	14/267	6/151
2) -	-	-
Mobile conveyor belts	50/35	63/37
Tractor loaders for boring works (? Raupenverlade-Bohrwerke)	10/82	-
Spares for conveyor belts	-	104
Trolleys	-	106/3
Steel structures	972	407
Boilers and silo installations	670	278
Crane bridges	98	119
Crane runways	-	10
Storage containers for cement factories	-	27
Spare parts for steel structures	-	315
Acid rotary pumps, type MOR-4MOR	-	-
10 m3/h to 50 m3/h	-	237
50 to 100 m3/h	-	32
100 to 200 m3/h	-	75
over 200 m2/h	-	1
Spare parts for pumps	20	20.3
Grey cast iron	180	189

Geraetewerk Schoenebeck, Schoenebeck

Mobile diesel compressor, type PDK 60	75	40
Diesel engine DM 20	35	35
" " DM 40	60	61
" " DM 80 (SM4-17)	200	175
Portable diesel electric station, type PDES 15	90	147
PDES 30	25	61
Diesel motorboat engine with reverse gear mechanism DEW 40	1	5
Diesel engine DM 60	-	35
Navigation index DM 20	3,525	5,860
" " DM 40	1,100	1,875
(Seeregister)	-	-
Diesel generator compressor type DGK 20	43	43
For D.C. DGG 20	26	26
" A.C. DGG 20	7	7
With pump DGK 20	2	2
D.C. DGG 40	7	7
A.C. DDG 40	3	3
Brakes D4, E4, L8	23	27

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Werk Karl Marx, Magdeburg	Planned Production, 2nd quarter 1953 <u>Units/Tons</u>	Actual Production 2nd quarter 1953 <u>Units/Tons</u>
Cast steel valves for pressure stages	451	387
Electric steel for chrome steels	-	255
Cast iron mold castings	727	562
" " machinery castings	513	512
(Ge-Formguss and Ge-Maschinenguss)		
Cast electric steel	3,950	3,276
Forgings	-	185
Drop forgings	-	22
Copper, brass, bronze castings	-	11
Aluminum castings	-	17
Zinc castings	-	6
Steam boiler equipment:		
High pressure reducing stations	10/100	15/130
Spare parts for diesel engines	-	12/804
Injection pumps (1 cylinder)	1,170	3,006
Spare parts for induction furnaces	-	3/10
Spare parts for cement factories	215	183
(Armature repairs to a value of TDM.155)		
Reduction valves to 25 mm NW	2,940/7	3,583/
Acetylene welder burners	1,650	2,054
Cast steel slide valves for pressure stages	1,294	1,351
Governors and safety equipment	410	452
Cast steel ray equipment	-	8
Special parts for tube installations	-	
Electric galvanometers	1,375	1,707
Spare parts for cast steel electric fittings	75	47
Bronze and brass electric fittings	-	7
Cast iron slide valves	198	83
Cast iron valves	328	147
Universal potentiometers for D.C.	2,250	2,327
consisting of:		
1) Potentiometer EPD 17	970	1,528
2) -	-	-
Thermal measuring apparatus	3,900	5,531
consisting of:		
1) Ortex sextuple recorder	140	410
Pressure probes comprising:	6,200	14,206
1) Medium manometers, type 1/bM 20		
to 150 ø	3,050	11,215
2) -	-	-
Centrifugal pressure meter	190	336
(Service control and regulating apparatus		
production planned to a value of TDM.340,		
but apparatus to a value of TDM.845		
actually produced.)		
Governing installations	800	880

Berliner-Bremsenwerk, Berlin

Steam pumps	-	9/-
Compressors up to 15 m3/h consisting of:	167/-	485/-
1) Compressors V/46/200	-	135/-
2) " V/28/240	-	350/-
3) -	-	-
Compressors 15-50 m3/h (VV100/100)	40/-	6/-
" 50-100 "	-	7/-
consisting of:		
1) Compressor VV 140/75	-	1/-
2) " VV/140/100	-	6/-
Other compressors	200	222/-
consisting of:		
1) Mobile installation PDK60	-	17/-
2) " " PDK80	200	205/-
3) -	-	-

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Berliner-Bremserwerk, Berlin

	<u>Planned Production</u> <u>2nd quarter 1953.</u> <u>Units/Tons</u>	<u>Actual Production</u> <u>2nd quarter 1953</u> <u>Units/Tons</u>
Spare parts for compressors	61	25
Cases for PDK60 and 80	-	-
Parts for press equipment	-	15
(Parts for automatic cycling equipment TDM)	-	-
Parts of steam machinery TDM	-	-
Brakes for rail vehicles	3	270

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